BSI-Inspectorate America 178 Mortland Road Searsport, Maine 04974 (207)548-6440





QUALITY CERTIFICATE

Vessel SHORE TANK NO. 3

Customer SPRAGUE

Operation ANALYSIS

Name of material being tested

Description of sample source

Samples Drawn by (company)

Samples Tested by (company)

Port Date

Terminal

SEARSPORT, MAINE

June 27, 2003

SPRAGUE

Report

SP/03/0617

Reference

Sample # 287404

NO. 6 FUEL OIL 2.0%

EX. SHORE TANK NO. 3 AFTER DISCHARGE OF FOUR LOCHS INSPECTORATE INSPECTORATE

Tests being Performed	Test method	Minimum Maximum	Sample Source
GRAVITY, API @ 60 F FLASH POINT, F	ASTM D 4052 ASTM D 93		10.4 200+
VISCOSITY, SSF @ 122 F	ASTM D 445/2161		298
POUR POINT, F WATER & SEDIMENT, % VOL.	ASTM D 97 ASTM D 1796		+15.8 0.40
SULPHUR, % WT.	ASTM D 4294 ASTM D 482		1.890 0.069
H, % WT. vANADIUM, PPM	AA/AE		132
SODIUM, PPM BTU'S/POUND	AA/AE CALCULATION		4 18,199
BTU'S/GALLON	CONVERSION ASTM D 3228		151,143 0.490
NITROGEN, % WT. CARBON RESIDUE, % WT.	ASTM D 4530		15.06
ASPHALTENES, % WT.	IP-143		7.97

DENNIS E. CURTIS

Inspectorate America Corp (Searsport, Me.)